

# **Publication Measurement Error (Rosenberger)**

- Publication Bias:
  - How do we fix it?
  - A random sample of the empirical evidence may not be more correct than a selected sample
- Generalization error and predisposition toward conventional results: Increase in bias or reduction in variance?
- How many unpublished valuation studies are out there?
- Function transfer vs. value transfer: outer envelope

# Publication Measurement Error (Rosenberger)

- What does validity testing test?

$$E\left|\frac{BT - PR}{PR}\right|$$

- Unless BT and PR are perfectly correlated, this is an upper bound estimate of deviation associated with BT

# What Can We Learn From Meta-Analysis?

## (Johnston)

- Multiple moving parts, multiple interpretations:
  - In-person CVM gives lower estimates for recreational catch WTP, but higher estimates for water quality WTP. Could in-person CVM be more accurate in both cases?
- Value transfer vs. function transfer: Comparison of cross-study parameters and within study parameters
- Was income or WTP adjusted for regional cost of living indexes?

# Transfers Between Countries

## (Ready *et al.*)

- Differences in WTP appear systematic: Portugal and Spain vs. Norway, Netherlands and England
  - Frame of reference, position in income distribution?
  - Cost of living adjustment may overcompensate for income differences (insufficient accounting for substitution, expensive location is a chosen good, etc.)
- Would you use CLI for countries in euro area today?
- Doubt cast again on benefit function transfer

# Transfers Between Countries

(Ready *et al.*)

- Validity testing

$$E\left|\frac{BT - PR}{PR}\right| - \frac{E|PR - \mu|}{\mu}$$

- Unless BT and PR are perfectly uncorrelated, this is a lower bound estimate of deviation associated with BT

# **Ecosystem Good and Services**

## **(Wilson and Christopher)**

- Adding up marginal ecological benefits (*Nature*, 1997) is anathema to many economists (What is the marginal value of a shopping multiplied by the total area of Maryland?)
- Total inventory of potential marginal losses
- Danger of excessive homogenization vs. value of putting environmental costs in concrete terms